

OK
Application No. 10/650,625
Response to Office Action dated January 21, 2005
Docket No. 40200-10018

TO
SURI
AMENDMENTS TO THE CLAIMS:

The listing of claims will replace all prior versions, and listings, of claims in the application:

1. (currently amended) A low-impedance electrical resistor, comprising:
a flat rectangular metal piece made of a resistor alloy having a main surface in one plane, front and side surfaces, oppositely disposed ends and having a thickness of at least 20 μm ;
and connection contacts applied by electroplating on the main surface of the metal piece on said oppositely disposed ends ~~the opposite ends thereof~~,
wherein the front surfaces of the metal piece and the connection contacts at said oppositely disposed ends and the side surfaces of the metal piece and the connection contacts which abut perpendicularly against said front surfaces in each case are aligned with each other and extend in a direction perpendicular to the plane of the main surface of the metal piece.
2. (original) The low-impedance electrical resistor according to Claim 1, wherein the resistance value of the resistor is between approximately 0.5 $\text{m}\Omega$ and approximately 5.0 $\text{m}\Omega$.
3. (original) The low-impedance electrical resistor according to Claim 1, wherein the metal piece is a film which is attached to a substrate by its side which is turned away from the connection contacts.
4. (original) The low-impedance electrical resistor according to Claim 3, wherein the film has a thickness of less than 100 μm .